



Patent  
Attorney's Docket No. 060000-198

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	Group Art Unit: 2681
Tetsufumi SHIMA et al.	)	Examiner: Unassigned
Application No.: 10/020,887	)	Confirmation No.: 8810
Filed: December 19, 2001	)	
For: WEIGHTING FACTOR SETTING	)	
METHOD FOR SUBTRACTIVE	)	
INTERFERENCE CANCELLER,	)	
INTERFERENCE CANCELLER	)	
UNIT USING SAID WEIGHTING	)	
FACTOR AND INTERFERENCE	)	
CANCELLER	)	

#9/A  
h. McLaughlin  
11-4-02

**RECEIVED**  
AUG 29 2002  
Technology Center 2600

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-captioned application as follows:

**IN THE SPECIFICATION:**

Kindly replace the paragraph bridging pages 6 and 7 with the following:

--In the interference canceller units  $ICU_1$ - $ICU_K$  of the second stage, the same procedures as in the interference canceller units  $ICU_1$ - $ICU_K$  of the first stage are performed aside from the fact that the residual signal  $r_2^{(1)}$  is used instead of the received signal  $r_1^{(1)}$ , and they respectively output replica signals  $d_2^{(1)}$ - $d_2^{(K)}$  of the second stage to the interference canceller units  $ICU_1$ - $ICU_K$  of the third stage. At the same time, they output residual signals with their own replica signals subtracted to the next interference canceller units.--

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